

# CITY OF LODI

## **COUNCIL COMMUNICATION**

AGENDA TITLE:

Adopt a resolution awarding the bid for the purchase of 40 padmount

transformers (\$44,102.08) (EUD)

MEETING DATE:

January 2, 2003

PREPARED BY:

**Electric Utility Director** 

RECOMMENDED ACTION:

That the City Council adopt the attached resolution awarding the bid for the purchase of 40 single-phase padmount transformers to

the bidders whose proposals and equipment meet City of Lodi specifications, and whose transformers are

expected to yield the lowest overall life-cycle costs,

Howard Industries, Laurel, MS

30 ea 50kVA 240/120V 1ph

\$ 31,743.15

Western States Electric, Portland, OR

10 ea 75kVA 240/120V 1ph

\$ 12,358.93

\$ 44,102.08

BACKGROUND INFORMATION:

On June 6, 2001, the City Council approved specifications and authorized advertisement for bids for polemount and padmount transformers

as necessary to meet the Department's needs during Fiscal Years 2001-2003.

On December 18, 2002, bids for single-phase padmount transformers were opened and total life-cycle costs were evaluated. (Life-cycle costs are the combined total of purchase price plus cost of operation based on estimated power loss during the projected life of the transformer. Proposals are also evaluated on the basis of compliance with equipment and bid specifications. Failure to comply with both may lead to disqualification of the bid). A summary of the bid evaluation is attached as Exhibit A.

A portion of this order will be used for the planned residential developments at Century Meadows, Tienda Place, Almond Woods, and a condominium project on Kettleman Lane. The balance will be used to replanish the Department's inventory of backup units.

FUNDING:

Electric Utility Department 2001-2003 Financial Plan and Budget, Line

Extensions, Business Unit #161651, Page E-29

Funding: Vicky McAthie, Finance Director

Alan N. Vallow, Electric Utility Director

Prepared by Joel Harris, Purchasing Officer

cc: Manager, Engineering and Operations

APPROVED:

H. Dixon Flynn -- Citý Manager

Transformer Bid Evaluation Bid Opening: December 18, 2002 EXHIBIT A

Padmount

Tax (factor): 1.0775

December 18, 2002

No Load Loss \$/watt: 3.75 Load Loss \$/watt: 1.25

en and a recommendation of a superior of the first and the	olt, Single Phas	erau					mber of units:					
Vendor	Unit	Extended	Price	No Load	Load	No Load	Load	Cost of	Life Cycle	Delivery	Height	Impedano
	Price \$	Price \$	w/tax \$	Loss (watts)	Loss (watts)	Loss value	Loss value	Losses \$	Cost \$	(weeks)	(inches)	%
oward industries	982.00	29,460.00	31,743.15	93	475	10,462.50	17,812.50	28,275.00	60,018.15	8-10	24	1.80
uhlman Electric	982.00	29,460.00	31,743.15	98	461	11,025.00	17,287.50	28,312.50	60,055.65	8-8	27	1.90
rmco	1,043.00	31,290.00	33,714.98	89	447	10,012.50	16,762.50	26,775.00	60,489.98	7-9	26	2.00
festern States (Cooper)	987.00	29,610.00	31,904.78	81	549	9,112.50	20,587.50	29,700.00	61,604.78	10-12	24	1.80
E Supply	950.00	28,500.00	30,708.75	88	572	9,900.00	21,450.00	31,350.00	62,058.75	7-8	30	1.88
entral Moloney	1,109.00	33,270.00	35,848.43	101	408	11,362.50	15,300.00	26,662.50	62,510.93	16	28	1.65
/esco Distribution	975.00	29,250.00	31,516.88	86	584	9,675.00	21,900.00	31,575.00	63,091.88	8-10	24	2.11
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id Item 2: 75 kVA, 240/120 Vo	olt, Single Phas	e Pad	MARIO CONTRACTOR OF THE STATE O	NAMES CONTRACTOR OF THE PROPERTY OF THE PROPER	OR ANGERIES CONTROL CO	Nu	mber of units:	10		tukonowi wasaku u hasakwa hasakwa n	28	sessenteriories (instrumenteriories)
id Item 2: 75 kVA, 240/120 Vo	olt, Single Phas	e Pad Extended	Price	No Load	Load	No Load	mber of units:	10 Cost of	Life Cycle	Delivery	28 Height	>1.8l
•	• •		Price w/tax \$		Load Loss (watts)	No Load			Life Cycle Cost \$	Delivery (weeks)		
•	Unit	Extended				No Load	Load Loss value	Cost of	•	,	Height	Impedanc
Vendor	Unit Price \$	Extended Price \$	w/tax \$	Loss (watts)	Loss (watts)	No Load Loss value	Load Loss value 8,587.50	Cost of Losses \$	Cost \$	(weeks)	Height (inches)	Impedanc % 2.00
Vendor (estern States (Cooper)	Unit Price \$ 1,147.00	Extended Price \$	w/tax \$ 12,358.93	Loss (watts) 120	Loss (watts) 687	No Load Loss value 4,500.00	Load Loss value 8,587.50 6,850.00	Cost of Losses \$	Cost \$ 25,446.43	(weeks) 10-12	Height (inches)	Impedanc %
Vendor  estern States (Cooper) oward Industries entral Moloney	Unit Price \$ 1,147.00 1,289.00	Extended Price \$ 11,470.00 12,890.00	w/tax \$ 12,358.93 13,888.98	Loss (watts) 120 138	Loss (watts) 687 548	No Load Loss value 4,500.00 5,175.00	Load Loss value 8,587.50 6,850.00 7,362.50	Cost of Losses \$ 13,087.50 12,025.00	Cost \$ 25,446.43 25,913.98	(weeks) 10-12 8-10	Height (inches)	Impedanc % 2.000 2.000
Vendor  Vestern States (Cooper)  oward Industries  entral Moloney  rnco	Unit Price \$ 1,147.00 1,289.00 1,245.90	Extended Price \$ 11,470.00 12,890.00 12,450.00	w/tax \$ 12,358.93 13,888.98 13,414.88	Loss (watts) 120 138 139	Loss (watts) 687 548 589	No Load Loss value 4,500.00 5,175.00 5,212.50	Load Loss value 8,587.50 6,850.00 7,362.50 7,025.00	Cost of Losses \$ 13,087.50 12,025.00 12,575.00	Cost \$ 25,446.43 25,913.98 25,989.88	(weeks) 10-12 8-10 16	Height (inches) 24 24 28	2.00 2.00 1.93 1.80
Vendor (estern States (Cooper) oward Industries	Unit Price \$ 1,147.00 1,289.00 1,245.90 1,323.00	Extended Price \$ 11,470.00 12,890.00 12,450.00 13,230.00	w/tax \$ 12,358.93 13,888.98 13,414.88 14,255.33	Loss (watts) 120 138 139 133	Loss (watts) 687 548 589 562	No Load Loss value 4,500.00 5,175.00 5,212.50 4,987.50	Load Loss value 8,587.50 6,850.00 7,362.50 7,025.00	Cost of Losses \$ 13,087.50 12,025.00 12,575.00 12,012.50 12,737.50	Cost \$ 25,446.43 25,913.98 25,989.88 26,267.83	(weeks) 10-12 8-10 16 7-9	Height (inches) 24 24 28 26	2.000 2.000 1.930

#### RESOLUTION NO. 2003-01

### A RESOLUTION OF THE LODI CITY COUNCIL AWARDING THE BID FOR THE PURCHASE OF PADMOUNT TRANSFORMERS

WHEREAS, in answer to notice duly published in accordance with law and the order of this City Council, sealed bids were received and publicly opened on December 18, 2002 at 11:00 a.m. for the purchase of forty (40) single-phase padmount transformers for the Electric Utility Department, described in the specifications therefore approved by the City Council on June 6, 2001; and

WHEREAS, said bids have been compared, checked, and tabulated and a report thereof filed with the City Manager as shown on Exhibit A attached; and

WHEREAS, the City Manager recommends the award of the bid for the purchase of forty (40) single-phase padmount transformers for the Electric Utility Department, be made to the bidders whose proposals and equipment met City of Lodi specifications, and whose transformers are expected to yield the lowest overall life-cycle costs, to wit:

Howard Industries, Laurel, MS

30 ea. 50kVA 240/120V 1 ph \$ 31,743,15

Western States Electric, Portland, OR 10 ea. 75kVA 240/120V 1 ph \$ 12,358.93

\$ 44,102.08

NOW, THEREFORE, BE IT RESOLVED by the Lodi City Council that the award of the bid for the purchase of forty (40) single-phase padmount transformers for the Electric Utility Department, be and the same is hereby awarded to the above-described responsible bidders, in the total amount of \$44,102.08.

Dated: January 2, 2003

I hereby certify that Resolution No. 2003-01 was passed and adopted by the City Council of the City of Lodi in a regular meeting held January 2, 2003, by the following vote:

AYES:

COUNCIL MEMBERS - Beckman, Hansen, Howard, Land, and

Mayor Hitchcock

NOES:

COUNCIL MEMBERS - None

ABSENT:

**COUNCIL MEMBERS - None** 

ABSTAIN:

**COUNCIL MEMBERS - None** 

SUSAN J. BLAČKSTON

City Clerk

#### Transformer Bid Evaluation

#### Bid Opening: December 18, 2002 :

EXHIBIT A

Padmount

Tax (factor): 1.0775 3.75

No Load Loss \$/watt: Load Loss \$/watt:

1.25

December 18, 2002

Bid Item 1: 50 kVA, 240/120 Vo	it, Single Phase	a Pad				Nu	mber of units:	30			28	>1.6
Vendor	Unit	Extended	Price	No Load	Load	No Load	Load	Cost of	Life Cycle	Delivery	Height	Impedano
	Price \$	Price \$	w/tax \$	Loss (watts)	Loss (watts)	Loss value	Loss value	Losses \$	Cost \$	(weeks)	(inches)	%
loward industries	982.00	29,460.00	31,743.15	93	475	10,462.50		28,275.00	60,018.15	8-10	24	1.800
Kuhlman Electric	982.00	29,460.00	31,743.15	98	461	11,025.00	17,287.50	28,312.50	60,055.65	6-8	27	1.900
Emco	1,043.00	31,290.00	33,714.98	89	447	10,012.50	16,762.50	26,775.00	60,489.98	7-9	26	2.000
Nestern States (Cooper)	987.00	29,610.00	31,904.78	81	549	9,112,50	20,587.50	29,700.00	61,604.78	10-12	24	1.800
3 E Supply	950.00	28,500.00	30,708.75	88	572	9,900.00	21,450.00	31,350,00	62,058.75	7-8	30	1.880
			20 242 42	101	408	11.362.50	15.300.00	26,662,50	62,510.93	16	28	1.650
Central Moloney	1,109.00	33,270.00	35,848,43	101		11,000,000						
Central Moloney Wesco Distribution  Bid Item 2: 75 kVA, 240/120 Vo	975.00	29,250.00	31,516.88	10 † 86	584	9,675.00		31,575.00	63,091.88	8-10	24 	
Wesco Distribution	975.00 It, Single Phase Unit	29,250.00  Pad  Extended	31,516.88 Price	86 No Load	584	9,675.00 Nu No Load	21,900.00  mber of units:	31,575.00 10 Cost of	63,091.88 Life Cycle	Delivery	28 Height	2.110 >1.80 Impedance
Wesco Distribution  Bid Item 2: 75 kVA, 240/120 Vo	975.00	29,250.00 Pad	31,516.88	86 No Load	584	9,675.00 Nu No Load	21,900.00 mber of units:	31,575.00	63,091.88		28	>1.80
Wesco Distribution  Bid Item 2: 75 kVA, 240/120 Vo	975.00 lt, Single Phase Unit Price \$	29,250.00  Pad  Extended Price \$	31,516.88 Price w/tax \$	No Load Loss (watts)	584	9,675.00 Nu No Load	21,900.00  mber of units:  Load  Loss value	31,575.00 10 Cost of	63,091.88 Life Cycle	Delivery	28 Height	>1.80 Impedance %
Wesco Distribution  Bid Item 2: 75 kVA, 240/120 Vo  Vendor  Western States (Cooper)	975.00  It, Single Phase Unit Price \$ 1,147.00	29,250.00  Pad  Extended Price \$  11,470.00	31,516.88  Price w/tax \$ 12,358.93	No Load Loss (watts)	Load Loss (watts)	9,675,00 Nu No Load Loss value	21,900.00  mber of units:  Load  Loss value  8,587.50	10 Cost of Losses \$ 13,087.50	63,091.88 Life Cycle Cost \$	Delivery (weeks)	28 Height (inches)	>1.80 Impedance %
Wesco Distribution  Bid Item 2: 75 kVA, 240/120 Vo  Vendor  Western States (Cooper)  Howard industries	975.00 lt, Single Phase Unit Price \$ 1,147.00 1,289.00	29,250.00  Pad  Extended Price \$  11,470.00 12,890.00	31,516.88  Price w/tax \$ 12,358.93 13,888.98	No Load Loss (watts) 120 138	Load Loss (watts)	9,675.00 Nu No Load Loss value 4,500.00	21,900.00 mber of units: Load Loss value 8,587.50 6,850.00	10 Cost of Losses \$	63,091.88 Life Cycle Cost \$ 25,446.43	Delivery (weeks)	28 Height (inches)	>1.80 Impedance %
Wesco Distribution  Bid Item 2: 75 kVA, 240/120 Vo  Vendor  Western States (Cooper)  Howard Industries Central Moloney	975.00 lt, Single Phase Unit Price \$ 1,147.00 1,289.00 1,245.00	29,250.00  Pad  Extended Price \$  11,470.00	31,516.88  Price w/tax \$ 12,358.93	No Load Loss (watts)	Load Loss (watts) 687 548	9,675,00 Nu No Load Loss value 4,500.00 5,175.00	21,900.00  mber of units:  Load  Loss value  8,587.50 6,850.00 7,362.50	10 Cost of Losses \$ 13,087.50 12,025.00	63,091.88 Life Cycle Cost \$ 25,446.43 25,913.98	Delivery (weeks) 10-12 8-10	28 Height (inches) 24 24	>1.80 Impedance % 2.000 2.000
Wesco Distribution  Bid Item 2: 75 kVA, 240/120 Vo  Vendor  Western States (Cooper)  Howard Industries Central Moloney Ermoo	975.00  olt, Single Phase  Unit Price \$  1,147.00 1,289.00 1,245.00 1,323.00	29,250.00  Pad  Extended Price \$  11,470.00 12,890.00 12,450.00 13,230.00	21,516.88 Price w/tax \$ 12,358.93 13,468.98 13,414.88 14,255.33	No Load Loss (watts) 120 138 139	Load Loss (watts) 687 548 589	9,675.00 Nu No Load Loss value 4,500.00 5,175.00 5,212.50	21,900.00  mber of units:  Load  Loss value  8,587.50 6,850.00 7,362.50 7,925.00	10 Cost of Losses \$ 13,087.50 12,025.00 12,575.00	63,091.88 Life Cycle Cost \$ 25,446.43 25,913.98 25,989.88	Delivery (weeks) 10-12 8-10 16	28 Height (inches) 24 24 28	>1.80 Impedance % 2.000 2.000 1.930
Wesco Distribution  Bid Item 2: 75 kVA, 240/120 Vo  Vendor  Western States (Cooper)  Howard Industries Central Moloney	975.00 lt, Single Phase Unit Price \$ 1,147.00 1,289.00 1,245.00	29,250.00  Pad  Extended Price \$  11,470.00 12,890.00 12,450.00	31,516.88  Price w/tax \$  12,358.93 13,468.98 13,414.88	No Load Loss (watts) 120 138 139 133	Load Loss (watts) 687 548 589 562	9,675.00 Nu No Load Loss value 4,500.00 5,175.00 5,212.50 4,987.50	21,900.00  mber of units:  Load  Loss value  8,587.50 6,850.00 7,362.50 7,025.00 8,087.50	10 Cost of Losses \$ 13,087.50 12,025.00 12,575.00 12,012.50	Life Cycle Cost \$ 25,446.43 25,913.98 25,989.88 26,267.83	Delivery (weeks) 10-12 8-10 16 7-9	28 Height (inches) 24 24 28 26	>1.80 Impedance % 2.000 2.000 1.930 1.800